



Call for papers

**2nd CIE EXPERT SYMPOSIUM
on
LED MEASUREMENT**

**Standard methods for
specifying and measuring
LED and LED Cluster
characteristics**

10 - 12 May 2001

**Holiday Inn, Gaithersburg, Maryland
USA**

1st CIRCULAR

Background

The first CIE Expert Symposium on LED measurement was held at the CIE Central Bureau in Vienna in 1997. During the past four years LEDs observed a considerable progress. Both as individual lamps and as clusters for signalling and recently even for lighting purposes LEDs have become competitive with more traditional light sources. Currently there are considerable efforts within the LED industry and the community who use LEDs to standardise on LED characterisation and measurement. Several CIE Technical Committees are active in the field.

The Goals

The goals of the meeting are:

- *Characterisation of LEDs and the measurement of individual LEDs,*
- *Measurement of LED clusters and arrays,*
- *Other aspects of LED measurements, including safety issues.*

Who Should Attend?

This meeting is open to all participants. To insure adequate space and support, and to allow distribution and adequate review of relevant documents, prior registration is required. The following individuals are specifically encouraged to attend:

- *Quality control laboratory personnel at LED manufacturers and users.*
- *Those responsible in specifying and testing LED properties.*
- *Those working in research laboratories dealing with new LEDs and LED-cluster s.*

Call for Papers

The format of the meeting will include one day of tutorial presentations given by experts of CIE Division 2 *Physical Measurement of Light and Radiation*, followed by a Symposium with Invited and Contributed Papers as well as Posters. Ample time will be secured for round-table discussions and demonstrations.

Tutorial Workshops will cover fundamentals and advanced methods of LED measurement:

- Fundamentals of radiometry, photometry and colorimetry
- Practical photometry and the use of LED Standards
- Calculation of uncertainty in measurement
- Introduction of CIE publication 127

Call for Symposium Contributed Papers and Posters:

Authors are invited to submit two page extended abstracts of their proposed contributions in English

no later than 15 January 2001 to

CIE Central Bureau,
Kegelgasse 27, A-1030 Vienna, AUSTRIA
per mail or e-mail: ciecb@ping.at

(please do not fax, as the extended abstracts, if accepted, will be used to print the Abstract Booklet).

Authors will be notified of acceptance of their abstract by **1 March 2001**. Instructions for preparing camera-ready copy of papers will be forwarded to accepted authors.

Final camera-ready copy is due at the Symposium.

The Proceedings of the Symposium will be made available after the meeting.

Accepted Symposium contributions will be pre-published for Symposium participants at the WEB site of the meeting.

Registration

Registrations are accepted for

- LED measurement tutorials, 10 May 2001.
Several CIE publications and lecture notes will serve as background material for the tutorials.
Registration fee: US\$ 400,-
- LED Symposium, 11-12 May 2001.
Registration fee: US\$ 250,-

For participants of both parts a reduced registration fee of US\$ 500,- holds.

Deadline for registration is 15 March 2001, to be sent to the CIE Central Bureau Bank Account: 04610-665-450 at BAWAG Landstraßer Hauptstraße 60, A-1030 Wien, Austria. VISA, Master Card, American Express credit card also honoured.

Symposium Agenda

1. Radiometric, photometric and colorimetric characterisation of LEDs
2. Radiometric, photometric and colorimetric characterisation of LED clusters and arrays, with special emphasis on signalling and lighting applications
3. Other aspects of LED measurements, including safety issues and their use in health-care applications

The Symposium will be followed by meetings of CORM and CIE Div. 2:

May 13 PM: *CORM/CIE social event* at Smithsonian National Gallery of Art (Symposium participants invited as guests of CORM)

May 14: *CORM subcommittee and CIE TC meetings* at NIST (open to nonmembers as guests)

May 15 to 16: *CORM 2001* (registration required, on site or in advance) with NIST laboratory tour on May 16 PM

May 17 to 19: *CIE Div. 2 and TC meetings* at NIST and Holiday Inn Gaithersburg

Preliminary registration

Please return this registration card to receive more information. Copies of this 1st Circular can be obtained also from the Symposium home page:
<http://physics.nist.gov/LED2001>

Send this form to the CIE Central Bureau by
e-mail: ciecb@ping.at
or fax: +43 1 713 083818
or mail: CIE, Kegelgasse 27, A-1030 Wien, Austria

I wish to attend the

CIE LED tutorial Workshop 2001

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2nd CIE LED Symposium 2001:

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Name:

(please print)

Occupation / Title:

Mailing address:

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City: Code:

Country:

Telephone: (.....)

Fax: (.....)

E-Mail:

Tentative title of my intended contribution:

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Please send 1st Circular also to following address:

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